

Work Order ID 122859

Tuesday, July 29, 2014 2:24:30 PM

122859

Ship 29 about
Page 1

Item ID: D139-816-011

Accept

N900040100

Setup Start ***NS1***

Revision ID:

Stop ***NS2***

Item Name: Lightweight Interior Ceiling Panel

Start Date: 8/19/14 Start Qty: 1.00 ***1***

Cust Item ID:

Required Date: 8/29/14 Req'd Qty: 1.00 ***1***

Customer:

Reference:

Approvals: Process Plan: WM Date: 7/29/14 Tooling: _____ Date: _____
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____

Run Start ***NR1***
Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr
DSI9686	A
DSI9691	A
IIN-D139-816	D

ML 14 08 26

100 Document Control 0.00

100

DC

DOCUMENT CONTROL

Memo

0.00

Doc.Control -USB or Paperwork

Photocopy blue file & type labels as per PPP D139-816-01 CHG005

1 2 20 14/08/28

DAS
33
9-89

110 Pick Kit 0.00

110

Packaging

Pick Kit

Memo

0.00

Packaging

14/8/26 1

DAS
06
32
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td style="width: 33%;"> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </td> <td style="width: 33%;"> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </td> <td style="width: 33%;"> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </td> <td style="width: 33%;"> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </td> </tr> </table>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>
Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>			

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Work Order ID 122859

Tuesday, July 29, 2014 2:24:30 PM

122859

Page 2

Item ID: D139-816-011

Accept

N900040100

Setup Start

NS1

Revision ID:

Stop

NS2

Item Name: Lightweight Interior Ceiling Panel

Start Date: 8/19/14

Start Qty: 1.00

1

Cust Item ID:

Required Date: 8/29/14

Req'd Qty: 1.00

1

Customer:

Reference:

Approvals:

Process Plan: _____

Date: _____

Tooling: _____

Date: _____

Run Start

NR1

QC: _____

Date: _____

SPC (Y/N): _____

Date: _____

Stop

NR2Sequence ID/
Work Center IDOperation
DescriptionSet Up/
Run Hours

Tool ID

Tool #

Plan
CodeAccept
QtyReject
QtyReject
NumberInsp.
StampDAS
20
9-89

120

QC4- 100% Inspect kits for completeness

0.00

120

QC

Memo

0.00

Quality Control

1 2 (Signature) 14/08/28

130

Packaging

0.00

130

Packaging

Memo

0.00

Packaging

Package as per PPP D139-816-011 Identify and Stock
Location: _____

AUG 28 2013

DAS
06
9-89

140

QC21- Final Inspection - Work Order Release

0.00

140

QC

Memo

0.00

Quality Control

MLJ 14-08-28
MLJ 14-08-28

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td style="width: 33%;"> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </td> <td style="width: 33%;"> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </td> <td style="width: 33%;"> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </td> <td style="width: 33%;"> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </td> </tr> </table>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>
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Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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122859

D139-816-011

Required Date: 8/29/14

Required Qty: 1.00

DSI9686 JLM VERIFIED BY:DD

[illegible]

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Picklist Print

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Page 2

Work Order ID: 122859

122859

Parent Item: D139-816-011

D139-816-011

Parent Item Name: Lightweight Interior Ceiling Panel

Start Date: 8/19/14

Required Date: 8/29/14

Start Qty: 1.00

Required Qty: 1.00

D4636-11 Manufactured No

110 Each 27.0000

D4636-11

Bracket



**

10

10

122581

DAS
32
9-89

DAS
08
9-89

Location

Loc Qty

Loc Code

st113

27

114728

2

120713

16

92961

9

D4636-5 Manufactured No

110 Each 34.0000

D4636-5

Bracket



**

16

16

121528

DAS
32
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

ST112

34

111978

6

114660

1

120321

2

121038

25

D4636-7 Manufactured No

110 Each 8.0000

D4636-7

Retainer Plate



**

4

4

122747

DAS
32
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

st113

8

116582

8

D4636-9 Manufactured No

110 Each 9.0000

D4636-9

Template



**

1

1

117653

DAS
32
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

st113

9

117653

9

14/1/2014

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Picklist Print

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Page 3

Work Order ID: 122859

122859

Parent Item: D139-816-011

D139-816-011

Parent Item Name: Lightweight Interior Ceiling Panel

Start Date: 8/19/14

Required Date: 8/29/14

Start Qty: 1.00

Required Qty: 1.00

D4648-1 Manufactured No

110 Each

11.0000

1 1

DAS 06
32 06
9-89 9-89

D4648-1

Template

**

117658

Location

Loc Qty

Loc Code

ST114

11

119840

11

D4653-041 Manufactured No

110 Each

0.0000

6 6

DAS 06
32 06
9-89 9-89

D4653-041

Vent Manifold Assembly

**

3X/22674

D4653-11 Manufactured No

110 Each

38.0000

6 6

DAS 06
32 06
9-89 9-89

D4653-11

Clamp

**

3X/22676

Location

Loc Qty

Loc Code

ST115

38

111998

6

119841

32

D4664-7 Manufactured No

110 Each

42.0000

3 3

DAS 06
32 06
9-89 9-89

D4664-7

Spacer

**

B/119841

Location

Loc Qty

Loc Code

ST116

42

111835

2

114887

40

D4712-043 Manufactured No

110 Each

21.0000

2 2

DAS 06
32 06
9-89 9-89

D4712-043

Bracket Assembly

**

114887

Location

Loc Qty

Loc Code

ST118

21

114715

3

119847

18

119847

Tuesday, July 29, 2014 2:24:30 PM

Shop Packet Print

Page 3

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td style="width: 33%;"> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </td> <td style="width: 33%;"> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </td> <td style="width: 33%;"> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </td> <td style="width: 33%;"> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </td> </tr> </table>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Picklist Print

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Page 4

Work Order ID: 122859

122859

Parent Item: D139-816-011

D139-816-011

Parent Item Name: Lightweight Interior Ceiling Panel

Start Date: 8/19/14

Required Date: 8/29/14

Start Qty: 1.00

Required Qty: 1.00

D4716-1

Manufactured No

110

Each

4.0000

2

2

**

122496

DAS
06
9-89

D4716-1

Duct Hose

Location

Loc Qty

Loc Code

ST146

2

114843

2

ST202

2

119772

2

D4716-3

Manufactured No

110

Each

8.0000

4

4

**

114844

DAS
06
9-89

D4716-3

Duct Hose

Location

Loc Qty

Loc Code

ST202

8

119773

8

D4716-5

Manufactured No

110

Each

19.0000

6

6

**

DAS
32
9-89
DAS
06
9-89

D4716-5

Duct Hose

Location

Loc Qty

Loc Code

ST146

6

114845

6

ST191

12

119774

12

ST203

1

95914

1

114845 5x

95914 1x

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width:100%;"> <tr> <td>Skid-tube <input type="checkbox"/></td> <td>Crosstube <input type="checkbox"/></td> <td>Water Jet <input type="checkbox"/></td> <td>Engineering <input type="checkbox"/></td> </tr> <tr> <td>Machining <input type="checkbox"/></td> <td>Small Fab <input type="checkbox"/></td> <td>Prod. Eng. Coord. <input type="checkbox"/></td> <td>Quality <input type="checkbox"/></td> </tr> <tr> <td>Thermoforming <input type="checkbox"/></td> <td>Finishing <input type="checkbox"/></td> <td>Rec/Store/Packaging <input type="checkbox"/></td> <td>Other <input type="checkbox"/></td> </tr> <tr> <td>Large Fab <input type="checkbox"/></td> <td>Composite <input type="checkbox"/></td> <td>Supplier <input type="checkbox"/></td> <td></td> </tr> </table>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>	
Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>															
Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coord. <input type="checkbox"/>	Quality <input type="checkbox"/>															
Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>															
Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>																

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Picklist Print

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Page 5

Work Order ID: 122859

122859

Parent Item: D139-816-011

D139-816-011

Parent Item Name: Lightweight Interior Ceiling Panel

Start Date: 8/19/14

Required Date: 8/29/14

Start Qty: 1.00

Required Qty: 1.00

D4728-057

Manufactured No

110

Each

6.0000

1 1

D4728-057

Ps7J1 Jumper

**

DAS
32
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

MF

4

116304

1

116305

3

MF5

2

111210

1

117917

1

116307

D4728-063

Manufactured No

110

Each

6.0000

1 1

D4728-063

Cabin Temp Sensor Jumper Assembly

**

DAS
32
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

ST119

6

111217

1

116318

5

116318

D4730-020-035

Manufactured No

110

Each

1.0000

24 24

D4730-020-035

Velcro Strip 2.0W/ X 3.5L

**

DAS
32
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

ST121

1

114738

1

D5032-1

Manufactured No

110

Each

19.0000

16 16

D5032-1

Doubler

**

DAS
32
9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

ST129

19

111811

1

121025

18

1122582

11/2/28

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Page 5

DQA: _____ Date: _____

**WORK ORDER NON-CONFORMANCE / UPDATE**

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Page 6

Work Order ID: 122859

122859

Parent Item: D139-816-011

D139-816-011

Parent Item Name: Lightweight Interior Ceiling Panel

Start Date: 8/19/14

Required Date: 8/29/14

Start Qty: 1.00

Required Qty: 1.00

D5032-3

Manufactured No

110

Each

27.0000

16

16

**

32
9-89

DAS
06
9-89

D5032-3

Doubler

Location

Loc Qty

Loc Code

ST129

27

120970

27

2351-20-21-C3C

Purchased No

110

Each

350.0000

16

16

**

DAS
32
9-89

DAS
06
9-89

2351-20-21-C3C

STUD.

Location

Loc Qty

Loc Code

ST396

350

M127922

72

M128068

278

50-009-2

Purchased No

100

Each

358.0000

16

16

**

DAS
32
9-89

14/8/26
DAS
06
9-89

50-009-2

Grommet

Location

Loc Qty

Loc Code

MF5

8

m128022

8

ST378

350

122594

1

m128022

9

m128047

340

m128047

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Page 7

Work Order ID: 122859

122859

Parent Item: D139-816-011

D139-816-011

Parent Item Name: Lightweight Interior Ceiling Panel

Start Date: 8/19/14

Required Date: 8/29/14

Start Qty: 1.00

Required Qty: 1.00

AN970-3 Purchased No

110

Each

456.0000

10

10

DAS
32
9-89

DAS
06
9-89

AN970-3

Washers

Location

Loc Qty

Loc Code

ST329

202

m121163

2

m129630

200

ST508

254

m127432

6

m128057

248

M128057

DAS
06
9-89

BT1-5I-M Purchased No

110

Each

1,297.000

24

24

DAS
32
9-89

BT1-5I-M

Tie Wrap

Location

Loc Qty

Loc Code

ST264

1297

123742

345

m128238

952

M123742

DAS
06
9-89

BT3LH-L Purchased No

110

Each

376.0000

12

12

DAS
32
9-89

BT3LH-L

Tie Wrap

Location

Loc Qty

Loc Code

CCK15

376

m128238

376

M128238

14/8/26

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Picklist Print

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Page 8

Work Order ID: 122859

Parent Item: D139-816-011

Parent Item Name: Lightweight Interior Ceiling Panel

122859

D139-816-011

Start Date: 8/19/14

Required Date: 8/29/14

Start Qty: 1.00

Required Qty: 1.00

MS21042L3

Purchased

No

110

Each

4,525.000

35

35

MS21042L3

Nut

**

DAS

32

9-89

DAS
06
9-89

Location

Loc Qty

Loc Code

ST307

4525

123900

955

M126333

2

M127410

11

M127831

41

M128401

42

M128754

3474

M128754

DAS
06
9-89

MS24694-S51

Purchased

No

110

Each

186.0000

36

36

MS24694-S51

Screw

**

DAS

32

9-89

Location

Loc Qty

Loc Code

ST293

186

m127432

1

m129630

185

M129630

DAS
06
9-89

MS27039-1-15

Purchased

No

110

Each

561.0000

21

21

MS27039-1-15

Screw

**

DAS

32

9-89

Location

Loc Qty

Loc Code

ST289

561

124326

12

m127916

549

M127916

14/8/20 ①

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Page 9

Work Order ID: 122859

Parent Item: D139-816-011

Parent Item Name: Lightweight Interior Ceiling Panel

122859

D139-816-011

Start Date: 8/19/14

Required Date: 8/29/14

Start Qty: 1.00

Required Qty: 1.00

NAS1149D0316J

Purchased

No

110

Each

1,060.000

5 5

NAS1149D0316.1

Washer

Location

Loc Qty

Loc Code

CA

82

M129682

82

ST277

978

M127956

400

M127993

578

110

Each

2,607.000

34

34

NAS1149D0332J

Purchased

No

NAS1149D0332.1

Washer

Location

Loc Qty

Loc Code

CA

41

m129682

41

ST276

2566

m125807

4

m128606

163

m128612

2199

m129624

200

110

Each

1,746.000

6

6

NAS1149D0663J

Purchased

No

NAS1149D0663.1

Washer

Location

Loc Qty

Loc Code

ST276

1746

123265

4

M126284

3

M126334

699

M127813

35

M127916

12

M128818

393

M129913

600

DAS
32
9-89

DAS
06
9-89

DAS
32
9-89

DAS
06
9-89

DAS
32
9-89

DAS
06
9-89

14/8/26 ①

M127993

M125807 4
M128612 30

M128818

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DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </div> <div> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </div> </div>
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Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
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Page 10

Work Order ID: 122859

122859

Parent Item: D139-816-011

D139-816-011

Parent Item Name: Lightweight Interior Ceiling Panel

Start Date: 8/19/14

Required Date: 8/29/14

Start Qty: 1.00

Required Qty: 1.00

CB200

Purchased

No

110

Each

63.0000

3

3

DAS
06
9-89

CB200

Acrylic Adhesive, 3.5G



**

Location

Loc Qty

Loc Code

CA

53

m129452

18

m129520

30

m129794

5

ST264

10

m129423

10

110

Each

6.0000

2

2

DAS
06
9-89

CS125-1032-8AACR

Purchased

No

CS125-1032-8AACR

Stud



**

M13050

DAS
32
9-89

Location

Loc Qty

Loc Code

ST283

6

M127974

6

110

Each

13.0000

1

1

DAS
32
9-89

D5078-1

Manufactured

No

D5078-1

Bracket



**

Location

Loc Qty

Loc Code

ST131

13

115477

13

115477

14/8/26 ①

DAS
06
9-89

DQA: _____ Date: _____



WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed: _____ Date: _____

Work Order update only ☐

Work Order: _____ Part No. _____ NCR No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/> Suspected Unapproved <input type="checkbox"/>	AGAINST DEPARTMENT/PROCESS <table style="width: 100%;"> <tr> <td style="width: 33%;"> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/> </td> <td style="width: 33%;"> Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/> </td> <td style="width: 33%;"> Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> </td> <td style="width: 33%;"> Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/> </td> </tr> </table>	Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>
Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Thermoforming <input type="checkbox"/> Large Fab <input type="checkbox"/>	Crosstube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> Composite <input type="checkbox"/>	Water Jet <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> Supplier <input type="checkbox"/>	Engineering <input type="checkbox"/> Quality <input type="checkbox"/> Other <input type="checkbox"/>			

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

FAULT CATEGORY

Landing Gear <input type="checkbox"/> Bending <input type="checkbox"/> Centre Not Concentric <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave <input type="checkbox"/> Cuffs <input type="checkbox"/> Crushing <input type="checkbox"/> Heat Treat <input type="checkbox"/> Inspection Strip in Tube <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Turning Sequence <input type="checkbox"/> Wave/Twist in Tube	General <input type="checkbox"/> Bend <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Burrs <input type="checkbox"/> Contamination <input type="checkbox"/> Countersink <input type="checkbox"/> Cut Too Short <input type="checkbox"/> Drawing <input type="checkbox"/> Drill Holes <input type="checkbox"/> Finish <input type="checkbox"/> Fit/Function	<input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain <input type="checkbox"/> Hardware <input type="checkbox"/> Inspection Incomplete/Unqualified <input type="checkbox"/> Instructions Incomplete/Unclear <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> Mislabeled <input type="checkbox"/> Misread <input type="checkbox"/> Off-set <input type="checkbox"/> Out of Calibration <input type="checkbox"/> Out of Sequence	<input type="checkbox"/> Outside Dimensions <input type="checkbox"/> Over/Under tolerance <input type="checkbox"/> Part Incorrect <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Part Moved <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Set-up <input type="checkbox"/> Temperature/Cure <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Other
--	--	---	--

DART SERVICE INSTRUCTION

TO AMEND IIN-D139-816 REV. D OR SUBSEQUENT
AND ICA-D139-816 REV. 3 OR SUBSEQUENT

REF. TCCA STC: SH12-54
REF. FAA STC: SR03251NY
REF. EASA STC: 10045158

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WORK ORDER
NO. 122859
7/29/14 wsm

1.0 PURPOSE

The purpose of this Dart Service Instruction (DSI) is to provide an alternate method of installing the D139-816-011 Interior Ceiling Panel Kit for customers with newer 300 series aircraft models with split center ceiling panels.

2.0 PROCEDURE

This procedure modifies step 3.1.7 of IIN-D139-816 Rev. D.

- 2.1 Position the D4634-041/-043/-045 center panels onto the p/n E4417F01 cabin isolation mounts using $\varnothing 0.25"$ (6 mm) holes in the panels. Identify those mounts that do not align with holes in the panels. Ensure that a gap between the D4634-041/-043/-045 panels of approximately 0.050" (1.3 mm) is maintained.
- 2.2 Remove extra and non-aligning cabin isolation mounts from the ceiling. Temporarily install the removed mounts into non-align holes in the panels and paint mark the back of the E4417F01 mounts. Position the D4634-041/-043/-045 center panels onto p/n E4417F01 cabin isolation mounts. Ensure the new mount locations get marked in the cabin roof. Remove panels keeping the mounts on the panels.
- 2.3 Remove ceiling insulation from aircraft ceiling at the new marked mount locations.
- 2.4 Apply a small amount of CB 200 Click Bond adhesive to the E4417F01 cabin isolation mounts that are being relocated.
- 2.5 Reposition the ceiling panels on the ceiling pressing the E4417F01 cabin isolation mounts firmly on the ceiling and holding in position until the adhesive cures enough to remove the screws from the mount.
- 2.6 Install the necessary rivets to re-fasten the E4417F01 cabin isolation mounts to the ceiling.
- 2.7 Continue the ceiling panel installation as indicated in the IIN-D139-816.

3.0 GENERAL NOTE

- 3.1 Due to the thermoforming process variations in material thickness may occur. It is acceptable to install longer or shorter Dzus fasteners as required to accommodate this material variation.

4.0 WEIGHT & BALANCE

This DSI has a negligible effect on Weight & Balance.

5.0 PARTS LIST

For D139-816-011 & CHG 005 and later, the following parts have been added to the kits.




QTY. -011	PART NUMBER	DESCRIPTION
X	D139-816-011	INTERIOR CEILING PANEL KIT
3	CB 200	3.5g ACRYLIC ADHESIVE

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 14.03.24
CERT. NO.: SH12-54
ISSUE NO.: 1

A	NEW ISSUE	RF	14.03.24
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9686	SHEET 1 OF 1
APPROVED		TITLE	SCALE
DE APPR.		ALTERNATE INSTALLATION	NTS
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DART SERVICE INSTRUCTION

TO AMEND IIN-D139-816 REV. D OR SUBSEQUENT
AND ICA-D139-816 REV. 3 OR SUBSEQUENT

REF. TCCA STC: SH12-54

REF. FAA STC: SR03251NY

REF. EASA STC: 10045158

1.0 PURPOSE

The purpose of this Dart Service Instruction (DSI) is to provide instructions to install the D5078-1 Bracket to support the Overhead Connector for D139-811-011 Interior Ceiling Panel Kit.

2.0 PROCEDURE

This procedure is added after step 3.1.39 of IIN-D139-816 Rev. D.

- 2.1 Position the D5078-1 Bracket on the LH side of the cabin overhead by temporarily removing 2x MS27039-1 screws as shown in Figure 1. Transfer 2x $\varnothing 0.204$ " (#6 drill) holes from airframe to the D5078-1 Bracket. Deburr and touch-up holes with MIL-P-85582 or MIL-P-23377 primer.
- 2.2 Install D5078-1 Bracket using existing 2x MS27039-1 screws and washers as shown in Figure 1.
- 2.3 Install overhead cannon plug in the D5078-1 Bracket using existing NAS1801/1802 screws and existing AS85049/95-20A-A Perimeter Mounting Flange as shown in Figure 2.
- 2.4 Reconnect wire harness to overhead cannon plug as shown in Figure 2.

4.0 WEIGHT & BALANCE

This DSI has a negligible effect on Weight & Balance.

5.0 PARTS LIST

The D5078-1 bracket has been added to D139-816-011 Kits at CHG 005 and later. Customers who wish to obtain the D5078-1 Bracket for a kit that has already been installed can procure the DSI 9691-011 kit from Dart as outlined below.

QTY. -011	PART NUMBER	DESCRIPTION
X	DSI 9691-011	BRACKET KIT
1	D5078-1	BRACKET



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NO. 122859
7/29/14 wm

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 14.03.24
CERT. NO.: SH12-54
ISSUE NO.: 1

A	NEW ISSUE	RF	14.03.24
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD	
DRAWN	RF	HAWKESBURY, ONTARIO, CANADA	
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9691	SHEET 1 OF 2
APPROVED		TITLE	SCALE
DE APPR.		BRACKET INSTALLATION	NTS
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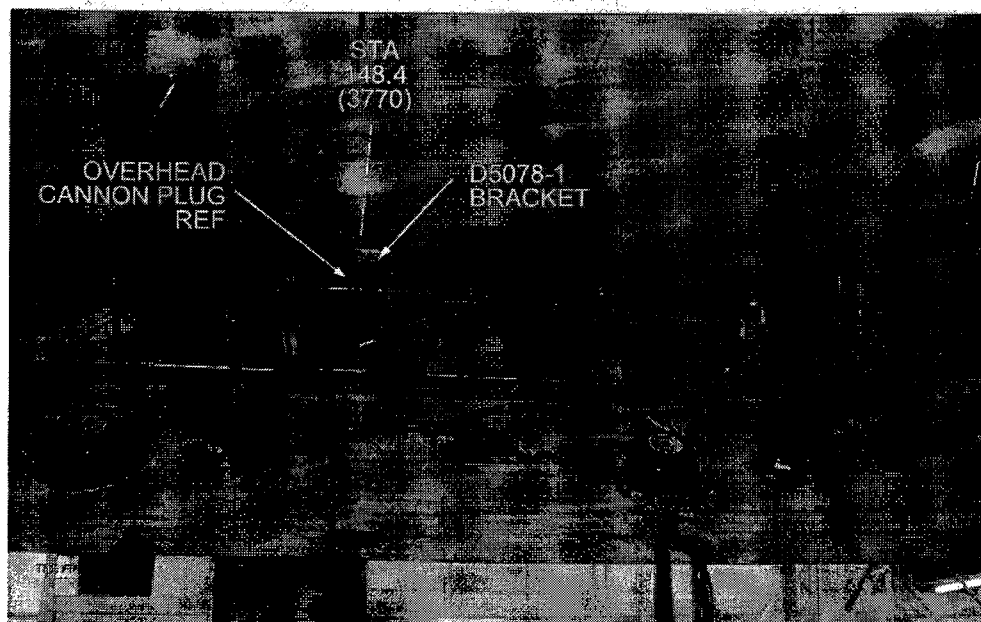


Figure 1. - LH Side Overhead Panel

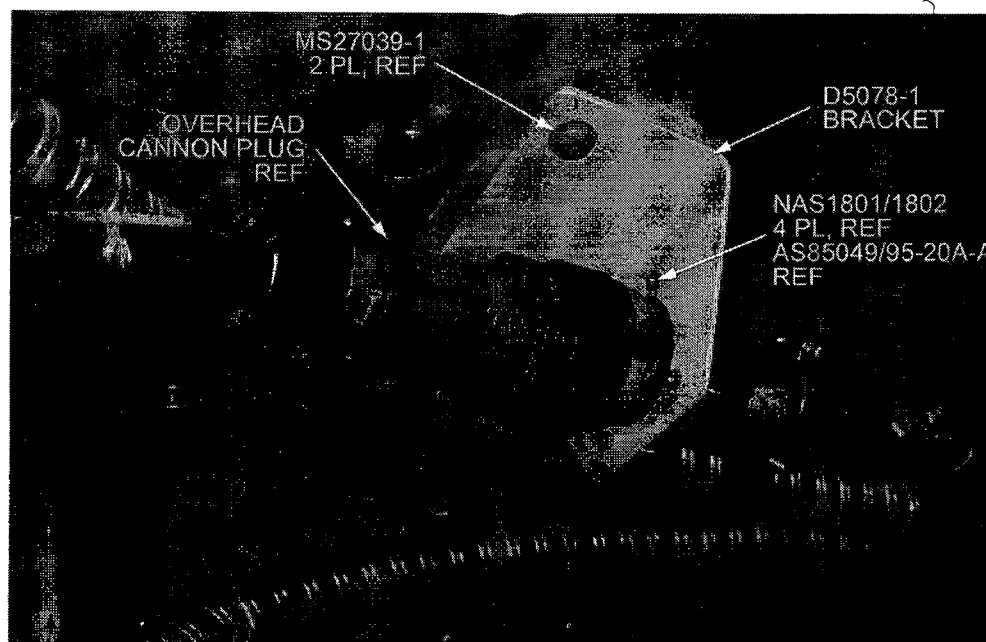


Figure 2. - D5078-1 Bracket Installation

DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED	<i>[Signature]</i>	DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9691	SHEET 2 OF 2
APPROVED	<i>[Signature]</i>	TITLE	SCALE
DE APPR.	<i>[Signature]</i>	BRACKET INSTALLATION	NTS
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5.0 PARTS LIST

Qty -011	Part Number	Description
X	D139-816-011	INTERIOR CEILING PANEL KIT
1	D4634-041	FWD, CENTER CEILING PANEL ASSEMBLY
1	D4634-141	* FWD, CENTER CEILING REPLACEMENT PANEL ASSEMBLY
1	D4634-043	MIDDLE, CENTER CEILING PANEL ASSEMBLY
1	D4634-143	* MIDDLE, CENTER CEILING REPLACEMENT PANEL ASSEMBLY
1	D4634-045	AFT, CENTER CEILING PANEL ASSEMBLY
1	D4634-145	* AFT, CENTER CEILING REPLACEMENT PANEL ASSEMBLY
1	D4635-041	LH, FWD CEILING PANEL ASSEMBLY
1	D4635-141	* LH, FWD CEILING REPLACEMENT PANEL ASSEMBLY
1	D4635-042	RH, FWD CEILING PANEL ASSEMBLY
1	D4635-142	* RH, FWD CEILING REPLACEMENT PANEL ASSEMBLY
1	D4635-043	LH, AFT CEILING PANEL ASSEMBLY
1	D4635-143	* LH, AFT CEILING REPLACEMENT PANEL ASSEMBLY
1	D4635-044	RH, AFT CEILING PANEL ASSEMBLY
1	D4635-144	* RH, AFT CEILING REPLACEMENT PANEL ASSEMBLY
16	D4636-043	RECEPTACLE BRACKET ASSEMBLY
10	D4636-11	BRACKET
16	D4636-5	BRACKET
4	D4636-7	RETAINER PLATE
1	D4636-9	TEMPLATE
1	D4648-1	TEMPLATE
6	D4653-041	VENT MANIFOLD ASSEMBLY
6	D4653-11	CLAMP
3	D4664-7	SPACER
2	D4712-043	BRACKET ASSEMBLY
2	D4716-1	DUCT HOSE
4	D4716-3	DUCT HOSE
6	D4716-5	DUCT HOSE
1	D4728-057	HARNESS ASSEMBLY
1	D4728-063	HARNESS ASSEMBLY
24	D4730-020-035	VELCRO STRIP
16	D5032-1	DOUBLER
16	D5032-3	DOUBLER
16	2351-20-21-C3C	DZUS SCREW
16	50-009-2	GROMMET
10	AN970-3	WASHER
24	BT1-51-M	TIE WRAP
12	BT3LH-L	TIE WRAP
1	CB,200	3.5g ACRYLIC ADHESIVE
2	CS125-1032-8-AA-CR	STUD (or CS125-1032-8-AA-CRM)
35	MS21042L3	NUT
36	MS24694-S51	SCREW
21	MS27039-1-15	SCREW
5	NAS1149D0316J	WASHER (or AN960JD10L)
34	NAS1149D0332J	WASHER (or AN960JD10)
6	NAS1149D0663J	WASHER (or AN960JD616)

NOTES:

(*) DENOTES THAT PART IS INCLUDED WITH ASSEMBLY ABOVE
D4634-141/-143/-145 ARE REPLACEMENT PANELS
D4635-141/-142/-143/-144 ARE REPLACEMENT PANELS

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Revision: D
Date: 13.12.16

DART SERVICE INSTRUCTION

**TO AMEND IIN-D139-816 REV. D OR SUBSEQUENT
AND ICA-D139-816 REV. 3 OR SUBSEQUENT**

REF. TCCA STC: SH12-54
REF. FAA STC: SR03251NY
REF. EASA STC: 10045158

1.0 PURPOSE

The purpose of this Dart Service Instruction (DSI) is to provide instructions to install the D5078-1 Bracket to support the Overhead Connector for D139-811-011 Interior Ceiling Panel Kit.

2.0 PROCEDURE

This procedure is added after step 3.1.39 of IIN-D139-816 Rev. D.

- 2.1 Position the D5078-1 Bracket on the LH side of the cabin overhead by temporarily removing 2x MS27039-1 screws as shown in Figure 1. Transfer 2x $\varnothing 0.204$ " (#6 drill) holes from airframe to the D5078-1 Bracket. Deburr and touch-up holes with MIL-P-85582 or MIL-P-23377 primer.
- 2.2 Install D5078-1 Bracket using existing 2x MS27039-1 screws and washers as shown in Figure 1.
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- 2.4 Reconnect wire harness to overhead cannon plug as shown in Figure 2.

4.0 WEIGHT & BALANCE

This DSI has a negligible effect on Weight & Balance.

5.0 PARTS LIST

The D5078-1 bracket has been added to D139-816-011 Kits at CHG 005 and later. Customers who wish to obtain the D5078-1 Bracket for a kit that has already been installed can procure the DSI 9691-011 kit from Dart as outlined below.



QTY. -011	PART NUMBER	DESCRIPTION
X	DSI 9691-011	BRACKET KIT
1	D5078-1	BRACKET

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-Q-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 14.03.24
CERT. NO.: SH12-54
ISSUE NO.: 1

A	NEW ISSUE	RF	14.03.24
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9691	SHEET 1 OF 2
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DART SERVICE INSTRUCTION

TO AMEND IIN-D139-816 REV. D OR SUBSEQUENT

AND ICA-D139-816 REV. 3 OR SUBSEQUENT

REF. TCCA STC: SH12-54

REF. FAA STC: SR03251NY

REF. EASA STC: 10045158

1.0 PURPOSE

The purpose of this Dart Service Instruction (DSI) is to provide an alternate method of installing the D139-816-011 Interior Ceiling Panel Kit for customers with newer 300 series aircraft models with split center ceiling panels.

2.0 PROCEDURE

This procedure modifies step 3.1.7 of IIN-D139-816 Rev. D.

- 2.1 Position the D4634-041/-043/-045 center panels onto the p/n E4417F01 cabin isolation mounts using $\varnothing 0.25"$ (6 mm) holes in the panels. Identify those mounts that do not align with holes in the panels. Ensure that a gap between the D4634-041/-043/-045 panels of approximately 0.050" (1.3 mm) is maintained.
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- 2.3 Remove ceiling insulation from aircraft ceiling at the new marked mount locations.
- 2.4 Apply a small amount of CB 200 Click Bond adhesive to the E4417F01 cabin isolation mounts that are being relocated.
- 2.5 Reposition the ceiling panels on the ceiling pressing the E4417F01 cabin isolation mounts firmly on the ceiling and holding in position until the adhesive cures enough to remove the screws from the mount.
- 2.6 Install the necessary rivets to re-fasten the E4417F01 cabin isolation mounts to the ceiling.
- 2.7 Continue the ceiling panel installation as indicated in the IIN-D139-816.

3.0 GENERAL NOTE

- 3.1 Due to the thermoforming process variations in material thickness may occur. It is acceptable to install longer or shorter Dzus fasteners as required to accomodate this material variation.

4.0 WEIGHT & BALANCE

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5.0 PARTS LIST

For D139-816-011 & CHG 005 and later, the following parts have been added to the kits.




QTY. -011	PART NUMBER	DESCRIPTION
X	D139-816-011	INTERIOR CEILING PANEL KIT
3	CB 200	3.5g ACRYLIC ADHESIVE

CANADA
DEPARTMENT OF TRANSPORT
AIRCRAFT CERTIFICATION
BRANCH
DAO # 01-O-01

APPROVED

BY: 
D. SHEPHERD (DE # 02)

DATE: 14.03.24
CERT. NO.: SH12-54
ISSUE NO.: 1

A	NEW ISSUE	RF	14.03.24
REV.	DESCRIPTION	BY	DATE
DESIGN	RF	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
DRAWN	RF		
CHECKED		DRAWING NO.	REV. A
MFG. APPR.	N/A	DSI 9686	SHEET 1 OF 1
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